

# **AGENDA FOR RISK CENTER ROUNDTABLE**

## **“The RMP Rule: Past and Future”**

### **Wharton Risk Management & Decision Processes Center**

**Tuesday, March 4, 2003**

**Location: Room 370 J. M. Huntsman Hall  
3730 Walnut Street  
University of Pennsylvania  
Philadelphia**

8:30 Registration and Continental Breakfast

9:00-9:15 Introduction of Participants and Objectives of the Roundtable

#### Objectives:

1. Review of research results to date based on the 1999-2000 tranche of RMP data
2. The Outlook for 2004
3. Discussion of how this data has been harvested by various stakeholders (uses to date, needed additions and capabilities going forward)
4. Data Quality Assurance and the Management challenges in responding to the RMP Rule going forward and in profiting from the data collected under the Rule
5. How can RMP be implemented by companies to obtain better data and better value from the Rule
6. What types of public partnerships are feasible given RMP data base and the Rule

9:15 - 10:45 Accident Epidemiology Research Findings from RMP

Paul Kleindorfer, Penn  
Michael Elliott, Penn  
Robert Lowe, Oregon Health and Science University  
James Belke, US EPA/CEPPO

#### Results to be Discussed:

1. Basic framework of accident epidemiology applied to the RMP data
2. Results relating to the effect of facility characteristics, regulations in force, parent company characteristics and the socio-demographic profile of the surrounding community.
3. Results relating financial information to RMP accident history data
4. Descriptive statistics, overall and by sector, for both accident frequency and severity as well as for Worst Case/OCA scenarios

10:45 - 11:15 Break

11:15 – 11:45 RMP and Process Safety

Sam Mannan and Mike O'Connor  
Mary Kay O'Connor Process Safety Center, Texas A&M University

Results to be Discussed:

1. Results from the 1<sup>st</sup> Chemical Safety Assessment Report
2. The limited scope of RMP. Other databases show results that RMP misses because of its short list.
3. Comparison of RMP data and its usefulness with ATSDR.
4. Focus national efforts on Chemical/Industry combinations with a high number of incidents.

11:45 – 12:15 What Changes and Constants Can be Expected in 2004

Armando Santiago, U. S. Environmental Protection Agency/CEPPO

Points to be Discussed:

1. Changes to the Data: Details and Rationale
2. The Submission Process
3. Making the Data Available for Research and Policy

12:15 -- 12:45 Lunch Break

12:45 – 1:45 Challenges and Opportunities Going Forward

Isadore Rosenthal, Chemical Safety Board  
Robert A. Lowe, Oregon Health and Science University  
Howard Kunreuther, The Wharton School

Points to be Discussed:

1. What are the challenges in obtaining compliance in reporting under the Rule?
2. How can data quality in the RMP\*Info process be improved?
3. How might the RMP data be improved from the perspective of oversight regulators such as the Chemical Safety Board?
4. How can interagency cooperation be furthered (e.g., OSHA-EPA, DHS-EPA)?
5. How can Third Party Inspections contribute to compliance and to data quality in the RMP process?
6. Is there a role that private insurance can play in encouraging compliance?
7. How can site security systems be integrated with the RMP process?

1:45-- 2:15 Plenary discussion on research targets for the RMP data based on the challenges and opportunities presented.

2:15 – 3:30 Small Group Discussions on Challenges in Harvesting Research and Policy Results from RMP\*Info

### Possible Topics for Small Group Discussions:

1. Data Quality and Reporting Challenges
2. Coupling RMP Data with Other Governmental Data
3. The Value and Structure of Sectoral Studies
4. Integrating the RMP process with Site Security
5. Third Party Inspections (possibly in conjunction with private insurance)

3:30 – 4:00 Reports from Small Group Discussions and Wrap-up Discussion reflecting Participant views on the Objectives of the Roundtable and Resulting Action Items

4 pm Adjournment of Roundtable

4:30 – 5:30 Optional Lecture by Cary Coglianese, J. F. Kennedy School, Harvard University “Management-Based Regulation: Prescribing Private Management to Achieve Public Goals”, co-sponsored by the Penn Institute for Environmental Studies, Business & Environment Seminar Series

5:30 Reception and Social Hour Following the Lecture

### Abstract of C. Coglianese’s Planned Presentation

This seminar will examine "management-based regulation," which directs regulated organizations to engage in a planning process that aims toward the achievement of public goals, offering firms flexibility in how they achieve these goals. This paper develops a framework for assessing conditions for using management-based regulation as opposed to the more traditional technology-based or performance-based regulation. Drawing on case studies of management-based regulation in the areas of food safety, industrial safety, and environmental protection, the seminar will show how management-based regulation can be an effective strategy when regulated entities are heterogeneous and regulatory outputs are relatively difficult to monitor. In addition to analyzing conditions for the use of management-based regulation, the presentation will assess the range of choices regulators confront in designing management-based regulations. Management-based regulation requires a far more complex intertwining of public and private sectors than is typical of other forms of regulation, owing to regulators' need to intervene at multiple stages of the production process as well as to the degree of ambiguity over what constitutes "good management."